

Application No. 10/657,732-

Customer No. 28289

Paper Dated: May 17, 2004

In Reply to USPTO Correspondence of N/A

Attorney Docket No. 0149-031767



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No. : 10/657,732
Applicant : Toshio SATO et al.
Filed : September 8, 2003
Title : **PROCESS FOR PRODUCING**
: **2,3-PYRIDINEDICARBOXYLIC ACID**
Art Unit : 1625
Examiner : *Not yet assigned*

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to the requirements of 37 CFR §§ 1.56, 1.97, and 1.98, the Applicants hereby submit this Information Disclosure Statement which includes a completed Form PTO/SB/08A and one (1) copy of the references listed thereon. English abstracts of the foreign language references are submitted if available.

This application was filed with the United States Patent and Trademark Office on September 8, 2003 and claims priority to Japanese Patent Application No. JP 2002-358020, filed on December 10, 2002. The references 1-10 and 12-14 listed on Form PTO/SB/08A are discussed in the present application on the following pages and are relevant for the reasons given in therein:

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to the Commissioner for Patents, Alexandria, VA 22313-1450 on May 17, 2004

Linda C. Seger

(Name of Person Mailing Paper)

Signature

05/17/2004
Date

{W0119946.1}

Application No. 10/657,732
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Attorney Docket No. 0149-031767


Customer No. 28289

JP-A 03-271275 (page 1); JP-A 61-212563 (page 1, 3, 5, 11); JP-A 02-83370 (page 1); JP-A 03-101661 (page 1); JP-A 03-157371 (page 1); JP-A 49-55673 (page 1); JP-A 58-105964 (page 1); JP-A 62-209063 (pages 1, 7, 13); JP-B 62-18551 (page 1); Chem. Ber. 65, 11 (1932) (pages 2, 6); Chem. Ber. 12, 983 (1879) (page 2); Synthesis 11, 880 (1989) (page 2); JP-B 60-54305 (pages 2, 3, 5, 6, 7). JP 03-287576 (reference 11) listed on the form is cited in Applicant's U.S. patent application No. 10/631,669, filed July 31, 2003. The relevance of this document can be taken from the English abstract provided herewith.

Pursuant to 37 CFR § 1.97(b)(3), no fees are believed to be due with the submission of this Information Disclosure Statement, as it is being submitted before the mailing date of the first Office Action on the merits. Nevertheless, the Commissioner of Patents and Trademarks is hereby authorized to charge any additional fees, which may be required to Deposit Account No. 23-0650. One original and two (2) copies of this Information Disclosure Statement are enclosed.

Respectfully submitted,

WEBB ZIESENHEIM LOGSDON
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PTO/SB/08A (08-00)

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Approved for use through 10/31/2001. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Complete if Known

Application Number	10/657,732
Filing Date	September 8, 2003
First Named Inventor	Toshio SATO et al.
Group Art Unit	1625
Examiner Name	Not Yet Assigned
Attorney Docket Number	149-031767

Sheet 1 of 1

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ²			

FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁴
		Office ³	Number ⁴				
	1	JP 03	274375	DAISO CO LTD	03-12-1991		X
	2	JP 61	212563	YAMAMOTO KAGUKU GOSEI KK	20-09-1986		X
	3	JP 02	083370	DAISO CO LTD	23-03-1990		X
	4	JP 03	101661	YAMAMOTO CHEM INC	26-04-1991		X
	5	JP 03	152371	DAISO CO LTD	05-07-1991		X
	6	JP 49	55673		1974		
	7	JP 58	105964		1983		
	8	JP 62	209063		1987		
	9	JP 62	18551		1987		
	10	JP 60	54305	YAMAMOTO KAGUKU GOSEI KK	16-03-1981		X
	11	JP 03	287576	DAISO CO LTD	18-12-1991		X

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, cite and/or country where published.	T ²
	12	C. O'MURCHU, OZONOLYSIS OF QUINOLINES: A VERSATILE SYNTHESIS OF POLYFUNCTIONAL PYRIDINES, SYNTHESIS, 11, 1989, PAGES 880-882	
	13	WALTER STIX UND S.A. BULGATSCH: EINE NEUE DARSTELLUNGSART DER CHINOLINSÄURE, CHEM. BER. 65 11-13 (1932)	
	14	W. KOENIGS: OXYDATION DES CINCHONINCHINOLINS MITTELST KALIUMPERMANGANAT, CHEM. BER. 12, 983-984 (1879)	

Examiner Signature		Date Considered	7/22/04
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

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{W0120622.1}

zfw

Application No. Not Yet Assigned
Information Disclosure Statement filed August 18, 2003
Attorney Docket No. 149-031460 ✓



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No. 10,657,732 Not Yet Assigned

Applicant : Toshio SATO ✓
Filed : July 31, 2003
Title : PROCESS FOR PRODUCING HIGH-
PURITY 2,3-PYRIDINEDICARBOXYLIC
ACID
Group Art Unit : Not Yet Assigned
Examiner : Not Yet Assigned

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to 37 C.F.R. §§1.56, 1.97 and 1.98, Applicant hereby submits this Information Disclosure Statement together with a completed Form PTO/SB/08A and one copy of the references listed thereon.

The references identified on Form PTO/SB/08A were cited and discussed on pages 1, 2 and 4 of the specification of the application. The degree of relevance for the references cited on Form PTO/SB/08A is found on pages 1, 2 and 4 of the application.

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Helen Gerace

(Name of Person Mailing Paper)

Helen Gerace August 18, 2003
Signature Date

{W0074565.1}

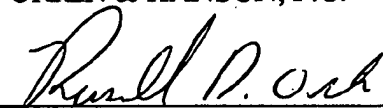
Application No. Not Yet Assigned
Information Disclosure Statement filed August 18, 2003
Attorney Docket No. 149-031460

Pursuant to 37 C.F.R. § 1.97(b)1, no fee is believed to be due for the submission of this Information Disclosure Statement, as it is being submitted within three months of the filing date. Nevertheless, the Assistant Commissioner for Patents is hereby authorized to charge any fees which may be required to Deposit Account No. 23-0650. One (1) original and two (2) copies of this Information Disclosure Statement are enclosed.

Respectfully submitted,

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